

**METHOD OF ESTIMATING ELECTRICAL PARAMETERS  
OF AN EARTH FORMATION WITH A SIMPLIFIED  
MEASUREMENT DEVICE MODEL**

**ABSTRACT OF THE DISCLOSURE**

Briefly, a method of estimating electrical parameters of an earth formation employs a simplified model of a measurement tool or device in transforming or normalizing data measured by the measurement tool. Electrical parameters of the earth formation, such as conductivity or dielectric constant, for example, may be estimated based on the normalized data.